

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20050100102 A1	20050512	81	Error-corrected wideband holographic communications apparatus and methods	375/242
2	US 20050100076 A1	20050512	81	Adaptive holographic wideband communications apparatus and methods	375/130
3	US 20050089083 A1	20050428	95	System and method for fast acquisition of ultra wideband signals	375/130
4	US 20050084033 A1	20050421	81	Scalable transform wideband holographic communications apparatus and methods	375/295
5	US 20050084032 A1	20050421	81	Wideband holographic communications apparatus and methods	375/295
6	US 20050084031 A1	20050421	81	Holographic communications using multiple code stages	375/295
7	US 20050041746 A1	20050224	81	Software-defined wideband holographic communications apparatus and methods	375/242
8	US 20040136439 A1	20040715	90	Methods and systems acquiring impulse signals	375/130
9	US 20030161411 A1	20030828	74	Ultra wide bandwidth communications method and system	375/295
10	US 20020064245 A1	20020530	31	Ultra wide bandwidth noise cancellation mechanism and method	375/346
11	US 20020061081 A1	20020523	113	Method and system for reducing potential interference in an impulse radio	375/346
12	US 20020061080 A1	20020523	94	Method and system for reducing potential interference in an impulse radio	375/346
13	US 6529568 B1	20030304	62	Method and system for canceling interference in an impulse radio	375/346
14	US 5920278 A	19990706	57	Method and apparatus for identifying, locating, tracking, or communicating with remote objects	342/33

	Current XRef	Inventor
1	714/786	Gazdzinski, Robert F. et al.
2	375/242	Gazdzinski, Robert F. et al.
3		Fisher, Teresa E. et al.
4		Rosen, Lowell et al.
5		Rosen, Lowell et al.
6		Rosen, Lowell et al.
7		Rosen, Lowell et al.
8		Dewberry, Brandon et al.
9		McCorkle, John W. et al.
10	375/148	McCorkle, John W.
11		Richards, James L. et al.
12		Richards, James L. et al.
13	370/286	Richards; James L. et al.
14	342/140; 342/36; 342/40; 342/463; 342/57; 375/356	Tyler; G. Leonard et al.

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20050089083 A1	20050428	95	System and method for fast acquisition of ultra wideband signals	375/130
2	US 20040249258 A1	20041209	31	System and method for extracting physiological data using ultra-wideband radar and improved signal processing techniques	600/407
3	US 20040249257 A1	20041209	29	Article of manufacture for extracting physiological data using ultra-wideband radar and improved signal processing techniques	600/407
4	US 20040136439 A1	20040715	90	Methods and systems acquiring impulse signals	375/130
5	US 20040095907 A1	20040520	98	Method and apparatus for optimization of wireless multipoint electromagnetic communication networks	370/334
6	US 20040090985 A1	20040513	15	Digital subscriber line access system, a central DSL termination unit, and a remote DSL termination unit realizing a digital subscriber line access multiplexer	370/463
7	US 20030161382 A1	20030828	10	Distributed receiver system and method	375/130
8	US 20030006932 A1	20030109	9	HYPER-SCANNING DIGITAL BEAM FORMER	342/368
9	US 20020154687 A1	20021024	12	Integrated beamformer/modem architecture	375/222
10	US 20020102011 A1	20020801	22	Method and apparatus for processing an image of a tissue sample microarray	382/128
11	US 20020090915 A1	20020711	8	Method and apparatus for equalization in transmit and receive levels in a broadband transceiver system	455/69
12	US 20010004592 A1	20010621	12	Sectorized cell having non-redundant broadband processing unit	455/447
13	US 6647057 B1	20031111	10	Link adapter interface for upgrading existing satellite communication system for enhanced modulation and coding	375/220
14	US 6570537 B2	20030527	7	Hyper-scanning digital beam former	342/373
15	US 6522265 B1	20030218	33	Vehicle tracking and security system incorporating simultaneous voice and data communication	340/988

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1		Fisher, Teresa E. et al.
2	128/920; 600/481	Tupin, Joe Paul JR. et al.
3	128/920; 600/481	Tupin, Joe Paul JR. et al.
4		Dewberry, Brandon et al.
5	370/400	Agee, Brian G. et al.
6	370/465	Burkle, Heinz-Peter et al.
7		Hershey, John Erik et al.
8		Frey, Thomas L. JR.
9		Bierly, Scott et al.
10		Bacus, James W. et al.
11	455/501; 455/522; 455/67.13; 455/70	Komara, Michael A. et al.
12	455/446	Schmutz, Thomas R.
13	375/214	Caldwell; Henry Scott et al.
14		Frey, Jr.; Thomas L.
15	455/456.1	Hillman; Robert L. et al.

	Document ID	Issue Date	Pages	Title	Current OR
16	US 6337885 B1	20020108	11	Radio receiver that digitizes a received signal at a plurality of digitization frequencies	375/316
17	US 6332004 B1	20011218	43	Analog discrete-time filtering for unshielded twisted pair data communication	375/257
18	US 6259745 B1	20010710	44	Integrated Gigabit Ethernet transmitter architecture	375/285
19	US 6253094 B1	20010626	12	Sectorized cell having non-redundant broadband processing unit	455/562.1
20	US 6219341 B1	20010417	11	Method for bandwidth efficient multiple access wireless communication	370/252
21	US 6160841 A	20001212	58	Mitigation of multipath effects in global positioning system receivers	375/148
22	US 5963582 A	19991005	60	Mitigation of multipath effects in global positioning system receivers	375/148
23	US 5885225 A	19990323	29	System and method for the measurement of evoked otoacoustic emissions	600/559
24	US 5850202 A	19981215	4	Method for improving SAR system sensitivity in the presence of RF interference	342/25A
25	US 5796777 A	19980818	9	Apparatus and method for digitizing and detecting a received radio frequency signal	375/227
26	US 5734678 A	19980331	72	Subscriber RF telephone system for providing multiple speech and/or data signals simultaneously over either a single or a plurality of RF channels	375/240
27	US 5708961 A	19980113	35	Wireless on-premises video distribution using digital multiplexing	725/81

	Current XRef	Inventor
16	455/303	Hellberg; Lars Richard Birger
17	375/286; 375/296	Chan; Kevin T.
18	370/294; 375/222	Chan; Kevin T.
19	370/334; 370/347; 370/362; 455/103; 455/132; 455/137; 455/277.1	Schmutz; Thomas R.
20	370/468	Varanasi; Mahesh K.
21	375/150	Stansell, Jr.; Thomas Atlee et al.
22	370/320; 375/249; 375/250; 375/343	Stansell, Jr.; Thomas A.
23	73/585	Keefe; Douglas H. et al.
24	342/196	Goodman; Ron S. et al.
25	455/226.2	Terlep; Daniel Joseph et al.
26	370/330; 370/436; 370/478; 455/403; 455/509	Paneth; Eric et al.
27	725/118; 725/125; 725/85	Hylton; Denny L. et al.

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28	US 5687194 A	19971111	66	Subscriber RF telephone system for providing multiple speech and/or data signals simultaneously over either a single or a plurality of RF channels	375/283
29	US 5678198 A	19971014	35	System for controlling signal level at both ends of a transmission link, based upon a detected value	455/67.11
30	US 5450612 A	19950912	16	Communication system for communicating with a plurality of selective call receivers and method therefor	340/7.2
31	US 5440228 A	19950808	13	Simultaneous signals IFM receiver using plural delay line correlators	324/76.12
32	US 5412690 A	19950502	16	Method and apparatus for receiving electromagnetic radiation within a frequency band	375/256
33	US 5392044 A	19950221	8	Method and apparatus for digitizing a wide frequency bandwidth signal	341/155
34	US 5305349 A	19940419	24	Quantized coherent rake receiver	370/209

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28	370/330; 370/347; 370/436; 370/478; 455/403; 455/466	Paneth; Eric et al.
29	370/202; 398/209; 455/235.1; 455/249.1; 455/282; 455/289; 455/291	Lemson; Paul H.
30	340/7.22; 370/210; 455/506	Chanroo; Keith A. et al.
31	324/76.35; 324/76.47; 324/76.54; 324/76.55; 342/13	Schmidt; Ralph O.
32	370/484; 375/240.1 1	Kotzin; Michael D. et al.
33	704/205	Kotzin; Michael D. et al.
34	370/342	Dent; Paul W.